

FORM PTO-1449
(REV. 7-80)

(Title Amended 3/83)

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.

133658-2

SERIAL NO.

10/747,715

Applicant

Tiberiu M. Siclovan et al.

Filing Date

12/26/03

Group

1616

1617

INFORMATION DISCLOSURE STATEMENT BY APPLICANT--

LIST OF ITEMS

(Use several sheets if necessary)

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER			DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
AA								
AB								
AC								
AD								
AE								
AF								
AG								
AH								
AI								
AJ								
AK								

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER		DATE	COUNTRY	CLASS	TRANSLATION	
							YES	No
	AL							
	AM							
	AN							
	AO							
	AP							

OTHER INFORMATION (Including Author, Title, Date, Pertinent pages, Etc.)

<i>AR</i>	AR	Database Crossfire, Beilstein Institute for Organic Chemistry, Frankfurt-Main, DE; XP002300651, Database accession No. BRN:169730, abstract & J. Amer. Chem. Soc., Vol. 96, 1974, pp. 5495-5508
<i>AS</i>	AS	Database Crossfire, Beilstein Institute for Organic Chemistry, Frankfurt-Main, DE; XP002300652, Database accession No. BRN:5510834, abstract & J. Amer. Chem. Soc., Vol. 51, No. 25, 1986, pp. 5040-5041
<i>AT</i>	AT	Database Crossfire, Beilstein Institute for Organic Chemistry, Frankfurt-Main, DE; XP002300653, Database accession No. BRN:3551523, abstract & Bull. Acad. Sci., Vol. 38, No. 3.2, 1989, pp. 579-580

EXAMINER

DATE CONSIDERED

1/18/06

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



PT
O/SB/08B (07-05) Approved for use
through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT

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Substitute for form 1449/PTO **INFORMATION
DISCLOSURE STATEMENT
BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

Application Number	10/747,715
Filing Date	12/26/03
First Named Inventor	Michael C. Montalto
Art Unit	1616 1618
Examiner Name	Dameron L. Jones

Sheet 1 of 1

Attorney Docket
Number

133658-2

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ₂
<i>DP</i>	AA	Maria M. Pi ken, M.D., Ph.D., "The Changing Concepts of Amyloid", <i>Arch Pathol Lab Med.</i> , 2001; 125, pp. 8-9, 40-43.	<input type="checkbox"/>
	AB	G.W. Small, et al., "In Vivo Brain Imaging of Tangle Burden In Humans", <i>Journal of Molecular Neuroscience</i> , 2002; 19, pp. 323-327.	<input type="checkbox"/>
	AC	C.A. Mathis, et al., "A Lipophilic Thioflavin-T Derivative for Positron Emission Tomography (PET) Imaging of Amyloid in Brain", <i>Bioorganic & Medicinal Chemistry Letters</i> , 2002; 12, pp. 295-298.	<input type="checkbox"/>
	AD	W.E. Klunk, et al., "Quantifying Amyloid β -Peptide (A β) Aggregation Using the Congo Red-A β (CR-A β) Spectrophotometric Assay", <i>Analytical Biochemistry</i> , 1999; 266, pp. 66-76.	<input type="checkbox"/>
	AE	C.A. Mathis, Ph.D., et al., "Imaging Technology for Neurodegenerative Diseases- Progress Toward Detection of Specific Pathologies", <i>Arch neurol</i> , 2005; 62, pp. 196-200.	<input type="checkbox"/>
	AF	N Okamura, et al., "A Novel Imaging Probe for In Vivo Detection of Neuritic and Diffuse Amyloid Plaques in the Brain", <i>Journal of Molecular Neuroscience</i> , 2004; 24, pp. 247-255.	<input type="checkbox"/>
<i>DP</i>	AG	M. Sunde, et al., "Common Core Structure of Amyloid Fibrils by Synchrotron X-ray Diffraction", <i>J. Mol. Biol.</i> , 1997; 273, pp. 729-739.	<input type="checkbox"/>

Examiner
Signature

Date
Considered

8/18/04

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. /nclude copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.



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DISCLOSURE STATEMENT
BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

Application Number	10/747,715
Filing Date	12/26/03
First Named Inventor	Michael C. Montalto
Art Unit	1616 /6068
Examiner Name	Dameron L. Jones

Sheet 1 of 1

Attorney Docket
Number

133658-2

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ₂
<i>M</i>	1	Maria M. Pi ken, M.D., Ph.D., "The Changing Concepts of Amyloid", <i>Arch Pathol Lab Med.</i> , 2001; 125, pp. 8-9, 40-43.	<input type="checkbox"/>
	AA	G.W. Small, et al., "In Vivo Brain Imaging of Tangle Burden In Humans", <i>Journal of Molecular Neuroscience</i> , 2002; 19, pp. 323-327.	<input type="checkbox"/>
	AB	C.A. Mathis, et al., "A Lipophilic Thioflavin-T Derivative for Positron Emission Tomography (PET) Imaging of Amyloid in Brain", <i>Bioorganic & Medicinal Chemistry Letters</i> , 2002; 12, pp. 295-298.	<input type="checkbox"/>
	AC	W.E. Klunk, et al., "Quantifying Amyloid β -Peptide (A β) Aggregation Using the Congo Red-A β (CR-A β) Spectrophotometric Assay", <i>Analytical Biochemistry</i> , 1999; 266, pp. 66-76.	<input type="checkbox"/>
	AD	C.A. Mathis, Ph.D., et al., "Imaging Technology for Neurodegenerative Diseases-Progress Toward Detection of Specific Pathologies", <i>Arch neurol</i> , 2005; 62, pp. 196-200.	<input type="checkbox"/>
<i>J</i>	AE	N Okamura, et al., "A Novel Imaging Probe for In Vivo Detection of Neuritic and Diffuse Amyloid Plaques in the Brain", <i>Journal of Molecular Neuroscience</i> , 2004; 24, pp. 247-255.	<input type="checkbox"/>
<i>P</i>	AF	M. Sunde, et al., "Common Core Structure of Amyloid Fibrils by Synchrotron X-ray Diffraction", <i>J. Mol. Biol.</i> , 1997; 273, pp. 729-739.	<input type="checkbox"/>
	AG		<input type="checkbox"/>

Examiner Signature	<i>R</i>	Date Considered	<i>8/18/04</i>
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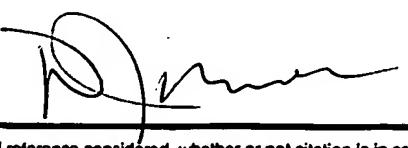
FORM PTO-1449 (REV. 7-80) (Title Amended 3/83)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE				ATTY. DOCKET NO. <i>133658-3</i>	SERIAL NO. 10/747,715						
INFORMATION DISCLOSURE STATEMENT BY APPLICANT-- <u>LIST OF ITEMS</u> <i>JUL 19 2004</i>													
(Use several sheets if necessary)													
U.S. PATENT DOCUMENTS													
EXAMINER INITIAL	DOCUMENT NUMBER			DATE	NAME		CLASS	SUBCLASS	FILING DATE IF APPROPRIATE				
<i>DJ</i>	AA	4	5	6	0	5	3	4	12/24/85	Kung et al.	<i>T</i>	<i>T</i>	
	AB	5	2	3	1	0	0	0	07/27/93	Majocha et al.			
	AC	5	2	7	2	0	5	5	12/21/93	Haley			
	AD	5	5	2	0	9	0	4	05/28/96	Nosco et al.			
	AE	5	7	2	1	1	3	0	02/24/98	Scubert et al.			
	AF	5	7	5	0	3	4	9	05/12/98	Suzuki et al.			
	AG	5	8	1	1	3	1	0	09/22/98	Ghanbari et al.			
	AH	5	8	3	7	6	7	2	11/17/98	Schenk et al.			
	AI	6	0	5	4	1	1	4	04/25/00	Lansbury, Jr. et al.			
	AJ	6	1	1	4	1	3	3	09/05/00	Seubert et al.	<i>V</i>	<i>V</i>	
<i>DJ</i>	AK	6	1	1	4	1	7	5	09/05/00	Klunk et al.	<i>V</i>	<i>V</i>	
FOREIGN PATENT DOCUMENTS													
	DOCUMENT NUMBER			DATE	COUNTRY		CLASS	SUBCLASS	TRANSLATION YES	No			
<i>DJ</i>	AL	8	9	0	6	2	4	2	07/13/89	PCT	<i>—</i>	<i>—</i>	
<i>V</i>	AM	9	3	0	4	1	9	4	03/04/93	PCT	<i>—</i>	<i>—</i>	
<i>V</i>	AN	9	7	4	1	8	5	6	11/13/97	PCT	<i>—</i>	<i>—</i>	
<i>V</i>	AO	9	8	2	7	9	7	2	07/02/98	PCT	<i>—</i>	<i>—</i>	
<i>V</i>	AP	0	1	8	7	3	5	4	11/22/01	PCT	<i>—</i>	<i>—</i>	
OTHER INFORMATION (Including Author, Title, Date, Pertinent pages, Etc.)													
<i>DJ</i>	AR	US2002/0159947A1 - 10-31-02 - Zaczek et al. - "Use of Small Molecule Radioligands to Discover Inhibitors of Amyloid-Beta Peptide Production and for Diagnostic Imaging"											
<i>DJ</i>	AS	US2002/0182152A1 - 12-5-02 - Goldstein et al. - Ocular Diagnosis of Alzheimer's Disease"											
	AT												
EXAMINER <i>R. Jones</i>		DATE CONSIDERED <i>8/18/04</i>											
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.													

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE							ATTY. DOCKET NO. <i>133658-2</i>	SERIAL NO. 10/747,715				
INFORMATION DISCLOSURE STATEMENT BY APPLICANT-- <u>LIST OF ITEMS</u> <i>(Use several sheets if necessary)</i>							Applicant M. Montalto et al.					
							Filing Date December 26, 2003	Group <i>1618</i>				
U.S. PATENT DOCUMENTS												
*EXAMINER INITIAL	DOCUMENT NUMBER						DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
<i>SP</i>	BA	6	1	3	3	2	5	9	10/17/09	Klunk et al.	—	—
<i>SP</i>	BB	6	1	6	8	7	7	6	01/02/01	Klunk et al.	—	—
<i>SP</i>	BC	6	2	7	4	1	1	9	08/14/01	Barrio et al.	—	—
<i>SP</i>	BD	6	3	3	1	4	4	0	12/18/01	Nondstredt et al.	—	—
	BE											
	BF											
	BG											
	BH											
	BI											
	BJ											
	BK											
FOREIGN PATENT DOCUMENTS												
		DOCUMENT NUMBER			DATE	COUNTRY		CLASS	SUBCLASS	TRANSLATION		
	BL									YES	No	
	BM											
	BN											
	BO											
	BP											
OTHER INFORMATION (Including Author, Title, Date, Pertinent pages, Etc.)												
	BR											
	BS											
	BT											
EXAMINER	<i>SP Jones</i>				DATE CONSIDERED <i>8/18/04</i>							
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT--		Applicant M. Montalto et al.	
<u>LIST OF ITEMS</u> (Use several sheets if necessary)		Filing Date 12/26/03	Group <i>1618</i>

OTHER INFORMATION (Including Author, Title, Date, Pertinent pages, Etc)

<i>WD</i>	AU	Wen-hong Li, et al. "Mechanistic Studies of a Calcium-Dependent MRI Contrast Agent", Inorganic Chemistry, 2002, 41, pages 4018-4024
	AV	Jean-Cosme Dodart, et al., "Immunization Reverses Memory Deficits Without Reducing Brain A Burden in Alzheimer's Disease Model", Nature Neuroscience, Vol. 5, No. 5, May 2002, 452-457/
	AW	Dominic M. Walsh, et al., "Naturally Secreted Oligomers of Amyloid Protein Potently Inhibit Hippocampal Long-Term Potentiation in vivo", Nature, April 4, 2002, Vol. 416, pages 535-539
	AX	Ronald B. DeMattos, et al. "Brain to Plasma Amyloid-Efflux: A Measure of Brain Amyloid Burden in a Mouse Model of Alzheimer's Disease", Science, March 22, 2002, Vol. 295, pages 2264-2267
	AY	Jongmin Kang, et al., "The Amide Derivatives of Chrysamine G Protect Human Astrocyte Cells Against A -Induced Toxicity", Bulletin of the Korean Chemical Society, March 20, 2002, Vol. 23, No. 3, pages 363-364
	AZ	Nancy A. Dezutter et al. "To Mama-Chrysamine G, A Probe for Beta-Amyloid Protein of Alzheimer's Disease", European Journal of Nuclear Medicine, 1999, Vol. 26, No. 11, pages 1392-1399.
	BU	Jongmin Kang, et al. "The Amide Derivatives of Chrysamine G Bind to the -Amyloid Fibril", Bull. Korean Chem. Soc., 2001, Vol. 22, No. 10, pages 1065-1066
	BV	Rakez Kayed, et al. "Common Structure of Soluble Amyloid Oligomers Implies Common Mechanism of Pathogenesis", Science, April 18, 2003, Vol. 300, pages 486-489
<i>WD</i>	BW	Ralph Weissleder, et al., "In Vivo Imaging of Tumors with Protease-Activated Near-Infrared Fluorescent Probes", Nature Biotechnology, April 17, 1999, Vol. 17, pages 375-378
<i>WD</i>	BX	Angeline Y. Louie, et al. "In Vivo Visualization of Gene Expression Using Magnetic Resonance Imaging", Nature Biotechnology, March 2000, Vol. 18, pages 321-326
	BY	
	BZ	

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